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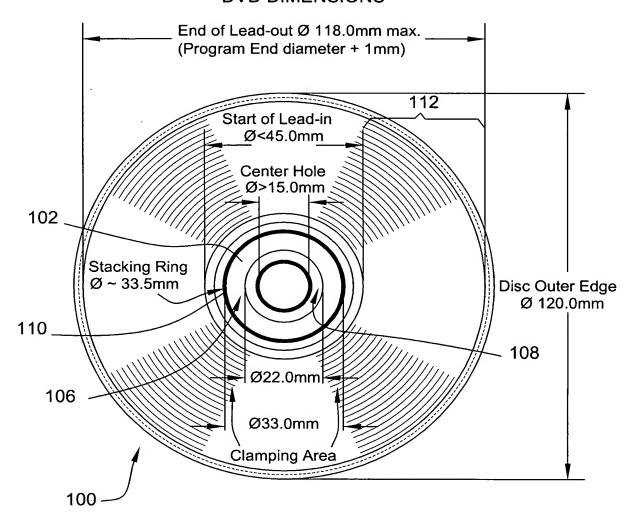
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FIG. 1

DVD DIMENSIONS



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FIG. 2A Single-Sided, Single Layer Disc

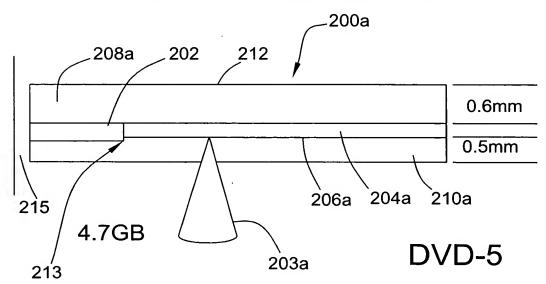


FIG. 2B Single-Sided Double Layer Disc

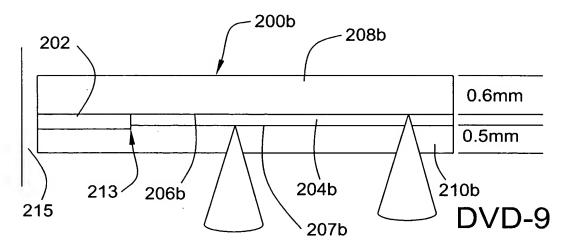
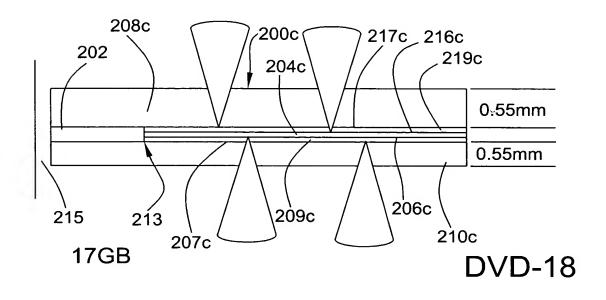
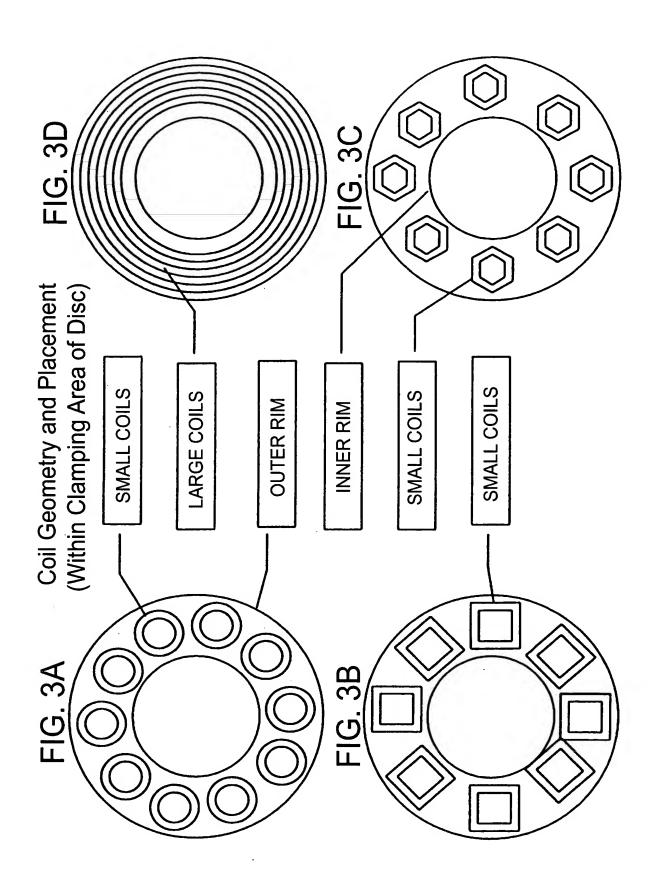


FIG. 2C

Double-Sided Dual Layer Disc





After Initial Molding/Bonding and Before Stripping

For DVD 18

Layer 0
Partial Reflect Layer
Bonding Layer
100% Reflect Layer
Layer 1

FIG. 4A

DVD 9 Side "A"

0.55 mm Polycarbonate Gold/Silver (10 microns) Bonding Lacquer Aluminum 0.55 mm Acrylic Blank

DVD 9 Side "B"

0.55 mm Polycarbonate Gold/Silver Bonding Lacquer Aluminum 0.55 mm Acrylic Blank

For DVD 14

Layer 0
1st Reflect Layer
Bonding Layer
2nd Reflect Layer
Layer 1

FIG. 4B

DVD 9 Side "A"

0.55mm Polycarbonate Gold/Silver (10 microns) Bonding Lacquer Aluminum 0.55 mm Acrylic

DVD 5 Side "B"

0.55 Polycarbonate Aluminum N/A N/A N/A

After Stripping

For DVD 18

Layer 0
Partial Reflect Layer
Bonding Layer
100% Reflect Layer

FIG. 5A

DVD 9 Side "A"

0.55 mm Polycarbonate
Gold/Silver
Bonding Lacquer
Aluminum (Image of layer 1)

DVD 9 Side "B"

0.55 mm Polycarbonate Gold/Silver Bonding Lacquer Aluminum

For DVD 14

Layer 0
1st Reflect Layer
Bonding Layer
2nd Reflect Layer

FIG. 5B

DVD 9 Side "A"

0.55 mm Polycarbonate Gold (partial reflect layer) Bonding Lacquer Aluminum (Image of layer 1)

DVD 5 Side "B"

(Not Stripped)
0.55 mm Polycarbonate
Aluminum
N/A
N/A

After Final Assembly

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For DVD 18

Layer 0 (disc A)
Partial Reflect Layer (disc A)

1st Bonding Layer (disc A)
100% Reflect Layer (disc A)
Protective Coating
2nd Bonding
Protective Coating
100% Reflect Layer (disc B)

1st Bonding Layer (disc B)
Partial Reflect Layer (disc B)
Layer 0 (disc B)

FIG. 6A

(2 layers readable from this side)
0.55 mm Polycarbonate
Gold/Silver
Bonding Lacquer
Aluminum (Image of layer 1)
PC Lacquer
Cationic Bonding
PC Lacquer
Aluminum (Image of layer 1)
Bonding Lacquer
Gold/Silver
0.55 mm Polycarbonate

(2 layers readable from this side)

For DVD 14

Layer 0 (disc A)
Partial Reflect Layer (disc A)

1st Bonding Layer (disc A)
100% Reflect Layer (disc A)
Protective Coating

2nd Bonding
Protective Coating
100% Reflect Layer (DVD 5)
Layer 0 (DVD 5)

0.55 mm Polycarbonate
Gold/Silver
Bonding Lacquer
Aluminum (Image of layer 1)
PC Lacquer
Cationic Bonding
PC Lacquer
Aluminum
0.55 mm Polycarbonate
(1 layer readable from this side)

(2 layers readable from this side)

FIG. 6B

